# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 236 | (silica or "sio.sub.2") same bimodal same particle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 11:34 |
| L2 | 22 | (silica or "sio.sub.2") same bimodal same particle same dispersion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 11:34 |
| S1 | 4 | US-3882010-$.DID. OR US-4979971-$.DID. OR US-5194129-$.DID. OR US-5655046-$.DID. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/23 15:22 |
| S2 | 76 | "65"/$.ccls. and (electrophoresis or electrophoretic$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/01/23 17:07 |
| S3 | 29 | "65"/$.ccls. and cathode and anode and dispersion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/01/23 16:39 |
| S4 | 11 | ("3535890" \| "3763294" \| "3775077" \| "3837825" \| "4072489" \| "4747863" \| "5053359" \| "5389582" \| "6012304").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/23 15:47 |
| S5 | 2 | ("6381986").URPN. | USPAT | OR | OFF | 2007/01/23 15:47 |
| S6 | 20 | ("20030159648" \| "20040053767" \| "20040216486" \| "3718564" \| "3850733" \| "3882010" \| "4072489" \| "4210504" \| "4357222" \| "4684386" \| "4689066" \| "4885018" \| "5120444" \| "5389406" \| "5389582" \| "5624540" \| "6012304" \| "6059949" \| "6381986").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/23 15:53 |
| S7 | 2 | ("4689066").URPN. | USPAT | OR | OFF | 2007/01/23 16:01 |
| S8 | 2 | ("5120444").URPN. | USPAT | OR | OFF | 2007/01/23 16:03 |
| S9 | 1 | bimodal same ("sio.sub.2" or silica) with size same aqueous and membrane with pore | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/01/23 16:42 |
| S10 | 1 | ("6699808").PN. | USPAT; USOCR | OR | OFF | 2007/01/23 16:44 |

# EAST Search History

| S11 | 0 | "10213664".apn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/01/23 16:44 |
|-----|---|-----------------|------------------------------------------|----|----|------------------|
| S12 | 1 | "213664".apn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/01/23 16:45 |
| S13 | 0 | "595121".apn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/01/23 16:51 |
| S14 | 3 | (("5120444") or ("4684386") or ("4689066")).PN. | USPAT; USOCR | OR | OFF | 2007/01/23 17:02 |
| S15 | 50 | aqueous and (porous adj membrane with pore) and (silica or "sio.sub.2") with particle with size | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/23 17:04 |
| S16 | 9 | S15 and electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/01/23 17:28 |
| S17 | 134 | bimodal with particle with size same (silica or "sio.sub.2") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 08:58 |
| S18 | 20 | S17 and bimodal with pore with distribution | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/23 17:34 |
| S19 | 5 | S18 and membrane | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/23 17:34 |
| S20 | 137 | particle with size same (silica or "sio.sub.2") same first same second and (cathode or anode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 08:59 |

| S21 | 14 | S20 and pore with size | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:01 |
|---|---|---|---|---|---|---|
| S23 | 1067 | anode same cathode and membrane with pore with size | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:02 |
| S24 | 195 | anode same cathode same membrane with pore with size | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:02 |
| S25 | 87 | S24 and particle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:02 |
| S26 | 54 | S24 and particle with size | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:03 |
| S27 | 3 | S26 and bimodal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:30 |
| S28 | 21 | S23 and bimodal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:12 |
| S29 | 22371 | membrane same pore with size | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:13 |
| S30 | 1649 | S29 and anode and cathode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:14 |
| S31 | 563 | S30 and particle with size | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:14 |

| S32 | 33 | S31 and bimodal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:14 |
|-----|------|------------------|----------------------------------------------|-----|-----|-------------------|
| S36 | 1 | ("20030198849").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/24 09:31 |
| S37 | 1 | S36 and membrane | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/01/24 09:34 |
| S38 | 1 | S36 and membrane same pore | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/01/24 09:35 |
| S40 | 1517 | clough.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/01/24 09:36 |
| S41 | 86 | S40 and membrane | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:36 |
| S44 | 27 | S41 and pore with size same membrane | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:37 |
| S46 | 25 | S44 and particle with size | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:52 |
| S48 | 146 | membrane same void same size and anode and cathode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:53 |
| S49 | 71 | S48 and particle with size | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:53 |

| S50 | 11 | S49 and bimodal | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/24 09:57 |
|-----|-----|-------------------------------|--------------------------------------------------|----|----|-----------------|
| S51 | 461 | 65/17.2.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/24 09:57 |
| S52 | 75 | S51 and pore with size and particle | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/24 09:58 |
| S53 | 4 | S52 and anode and cathode | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/24 09:58 |
| S55 | 5 | S52 and cathode | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/24 11:33 |

# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L13 | 2 | (aqueous and dispersion and pore and size and particle and size and membrane and "sio.sub.2").clm. | US-PGPUB | OR | OFF | 2007/01/24 12:12 |